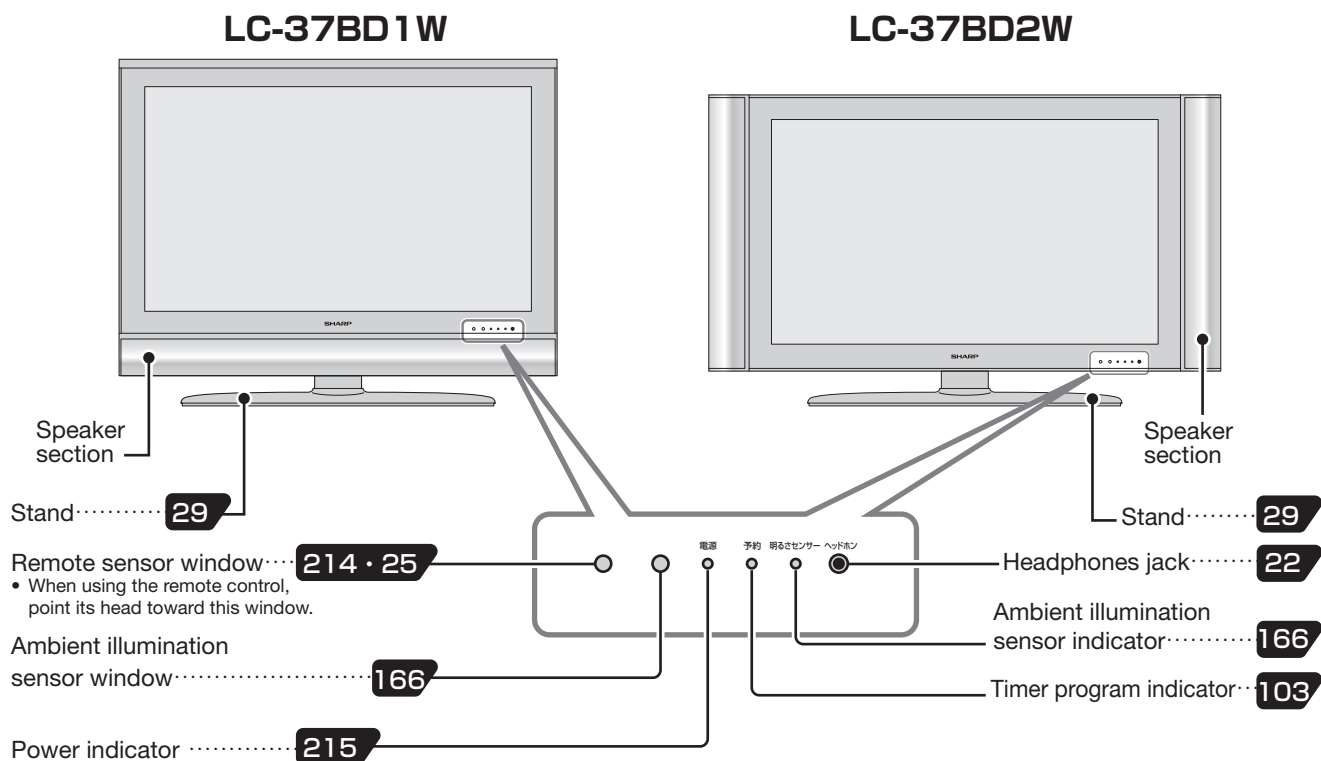
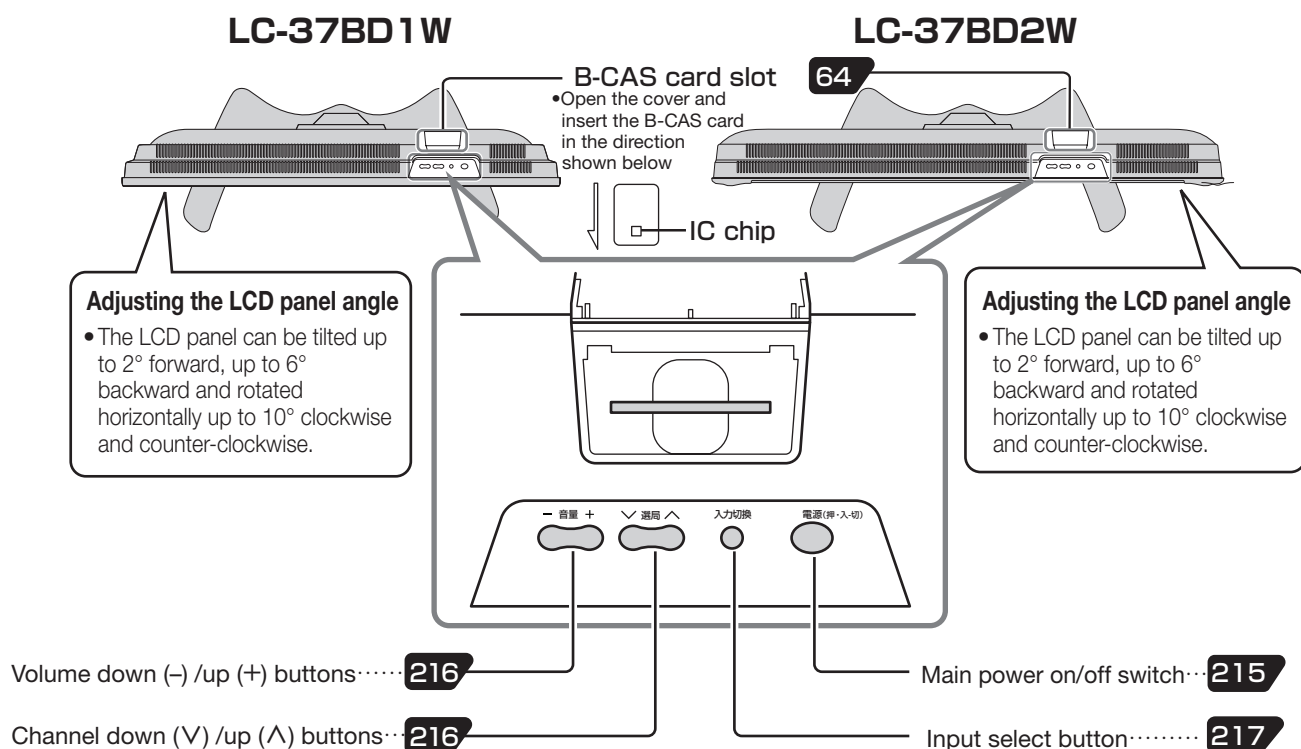
Quick Start Guide

Part Names – Main Unit

■ The number shown in each [page tab] is the page number where the part's function and/or use are explained either in English or Japanese.

Front view

Top view

Rear view

The illustrations below are those of LC-37BD1W. LC-37BD2W has the same layout of jacks and terminals as LC-37BD1W.

Terminal cover for Factory Adjustment

i.LINK (TS) jacks 136

LAN jack 184

AV in 5（HDMI）120

AV in 6（DVI-I）122・150

AV in 1・2 114

Digital out / Monitor out / AV in 4 132

AV in 3 116・124

Digital module reset button 195

TV module reset button 195

RS-232C terminal 156

VCR controller connector 128

Digital audio output jack (optical) 148

AV in 6 (audio) 122・150

Telephone line jack 74

Power cable connector (AC 100V) 35

▼Inside the terminal covers

Terrestrial digital antenna input terminal 33

VHF/UHF antenna input terminal 33

VHF/UHF antenna output terminal 33

BS/CS 110 antenna input terminal 34

Opening the terminal covers

Holding the lock at the top of the cover downward, pull the cover off the back of the main unit.

Part Names — Remote Control Unit

Cover closed

Display·························· 39
Press to display or turn off the channel call, etc.

Active/Standby················ 36
Press to engage the TV set in the active or standby mode.

CATV························ 217·83
When selecting a CATV channel by entering the channel number, press this button first, then enter the 2-digit number with the TV channel select buttons (1-10/0).

Terrestrial digital select·· 213·216
Press to select the terrestrial digital network.
* Use this button after the TV set is tuned to receive terrestrial digital broadcasts.

Terrestrial analog select··· 213·216
Press to select the terrestrial analog network.

d (linked data broadcast)·· 90
Press to call the data broadcast linked with the current digital TV program.

Volume up (+)/down (–)····· 216
Press to adjust the volume.

Mute···························· 216
Press to temporarily turn off the sound. Press again to return the sound volume to the previous level.

EPG························· 221·92
Press to display or turn off the Electronic Program Guide (EPG: 番組表) when receiving a digital broadcast.

Program info··············· 221·90
Press to display detailed information (e.g. title, genre, on-air time, cast, writer, etc.) on the current digital program.

Cursor (up, down, left, right)········ 44
Use to select a menu item, column, etc.

Enter/Confirm················· 44
Press to confirm a selected setting or menu item.

Finish·························· 44
Press to end the picture freeze mode, turn off the EPG display, or finish menu operation, etc.

Note
This button can be conveniently used when you are at a loss during menu or EPG operation, etc.

Color (blue, red, green, yellow)
····················· 219·90·92·186
Use to operate EPGs and data

Sleep timer······················ 176
Press to select the desired remaining time period after which the TV set is automatically turned off and enters the standby mode.

i.LINK····························· 140
Press to select the i.LINK mode. Press to display or turn off the D-VHS VCR, AV-HDD recorder, Blu-ray Disc recorder or Hi-Vision Video camera control panel.

Favorite channel select/register····· 83·174
Press to select a user-registered channel and to turn on/off the favorite channel register/registered channel table screen.

Digital channel number input 83
When selecting a digital channel by entering the 3-digit channel number, press this button first, then enter the channel number with the channel select buttons (1-10/0).

Channel select················ 213·82
- Press to select a channel after selecting the desired network (terrestrial analog [地上A], terrestrial digital [地上D], BS, CS) and media (TV, radio, or data).
- Use to input a number for various settings.

CS select······················ 213·82
Press to select the CS digital networks.

BS select······················ 213·82
Press to select the BS digital network.

Media select·················· 219·82
Press to select the desired media (TV, radio, or data).

Channel up (∧)/down (∨)··· 219·82
Press to select channels in the current network, media and CATV channels in the ascending or descending order.
* CATV channels are factory set to be skipped.

Input select············ 217·114·135
Press to select the desired input.

Other on-air programs········· 98
Press to display the EPG for currently on-air programs only (裏番組).

Menu···························· 44·48
Press to display or turn off the menu screen.
*The menus can be displayed in English. See page **218** for instructions on how to switch the display language.*

Return···························· 44
Press to go back to the previous screen. Press this button instead of the Enter/Confirm (決定) button when you have selected the wrong item or input the wrong number, etc.

Cover open

Digital channel register ······ 86
Press to display or turn off the channel register/registered channel table screen.

Freeze ······ 173
Press to freeze the picture.

Screen mode ······ 152·161
Press to select the desired screen mode.

Picture select ······ 221·89
Press to select the desired picture when watching a digital multi-picture program.

Split screen ······ 172
Press to switch between the split screen mode and the normal screen mode.

GR ······ 84
Press to activate or deactivate the GR (ghost reduction) function.

AV mode select ······ 165
Press to select the picture/sound setting (dynamic [locked], dynamic, standard, cinema, game, or AV memory) that best matches the current program.

Caption ······ 221·179
Press to display, select, or turn off captions when watching a digital program with captions.

Audio select ······ 221·89·170
Press to select the desired audio (e.g. Japanese or English in bilingual broadcast, the main sound or a sub sound in digital multi-sound broadcast, etc.).

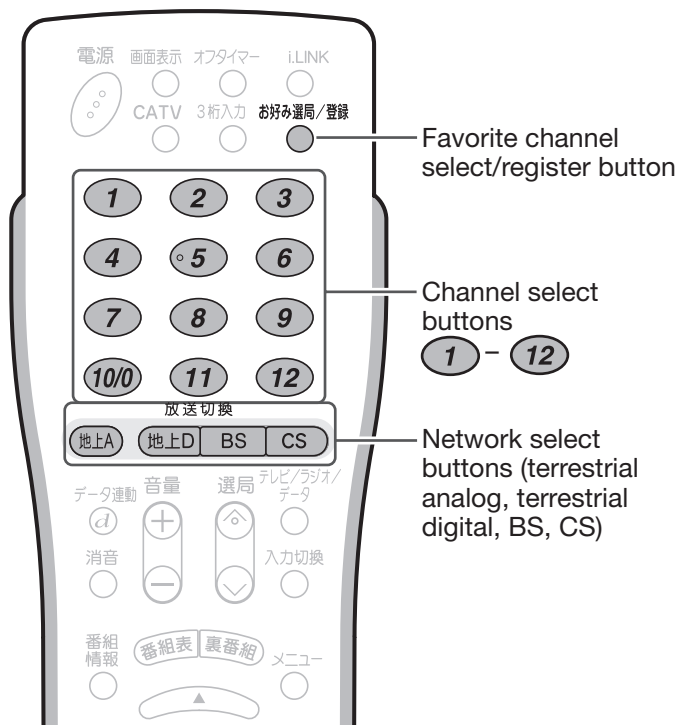
Operable screen ······ 173
Press to switch the operable screen (screen with the ♪mark) when the TV set is in the split screen mode.

To open the cover
Hold the cover by the projections on both sides and lift upwards.

Basic operation for channel selection

Favorite channel select/register button

Channel select buttons 1 – 12

Network select buttons (terrestrial analog, terrestrial digital, BS, CS)

Selecting terrestrial analog (VHF/UHF) channels

① Press 地上A to select terrestrial analog broadcast.
② Press 1 - 12 to select the desired channel.

Selecting digital channels

① Press 地上D, BS or CS to select the desired digital broadcast network.
② Press 1 - 12 to select the desired channel.

Types of broadcast
- 地上A Terrestrial analog: Conventional VHF/UHF broadcast
- 地上D Terrestrial digital: Terrestrial digital broadcast
- BS BS: BS digital broadcast
- CS CS: CS 110 digital broadcast

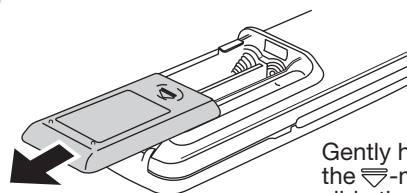
■ For details about channel selection, see pages **216** and **219**.

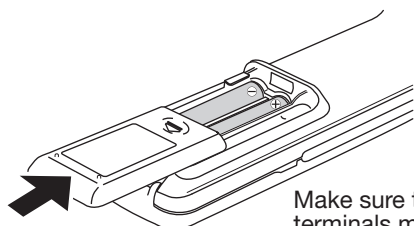
Selecting favorite channels

① Press お好み選局/登録 to display the registered channel screen.
② Press 1 - 12 to select the desired channel.

Part Names — Remote Control Unit

Inserting batteries in the remote control

1 Open the battery cover.

Gently holding down the ▽-marked area, slide the cover in the direction of the arrow.

2 Insert the supplied two AAA batteries, and close the cover.

Make sure that the terminals match the ⊕ and ⊖ indications in the battery compartment.

CAUTION

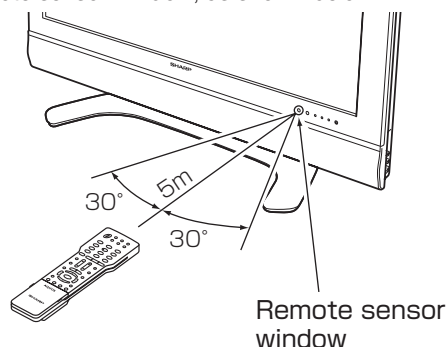
Cautions regarding batteries

Improper use of batteries can result in chemical leakage or explosion. Be sure to follow the instructions below.

- Do not mix batteries of different types.
- Do not mix old and new batteries.
- Do not try to charge or disassemble batteries.
- Place the batteries with their terminals corresponding to the ⊕ and ⊖ indications.
- Do not short-circuit batteries.

- The supplied batteries may have a shorter life expectancy due to storage conditions. Replace them with new ones before they are depleted.
- Remove the batteries from the remote control, if you will not use it for a long time.
- If, after replacing batteries, the remote control does not work, make sure the new batteries are placed in the right direction.

Remote control operating range

When operating the remote control, direct its head toward the remote sensor window located at the bottom right corner of the main unit, as shown below. The maximum operating range is approximately 5 meters in distance, and 30 degrees in angle against the straight line normal to the remote sensor window, as shown below.

Note:

- The remote control may not work when there is an obstacle between the remote control and the main unit's remote sensor window.
- As the batteries are depleted, the operating distance will become shorter. Replace them with new ones.
- The remote control may not work properly when there is a fluorescent light near the main unit's remote sensor window.

Cautions regarding the remote control

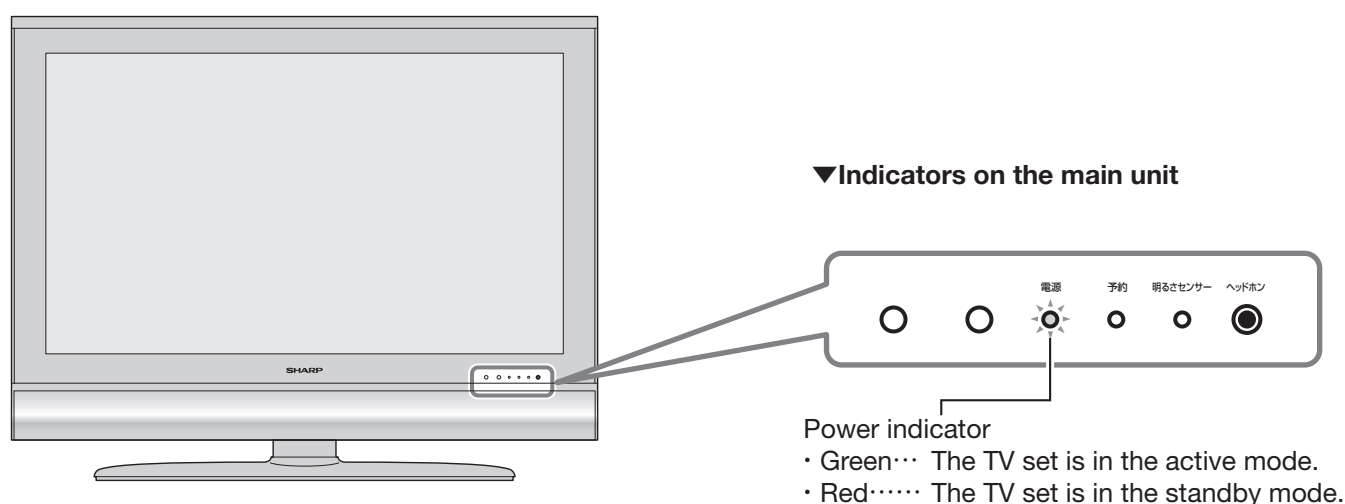
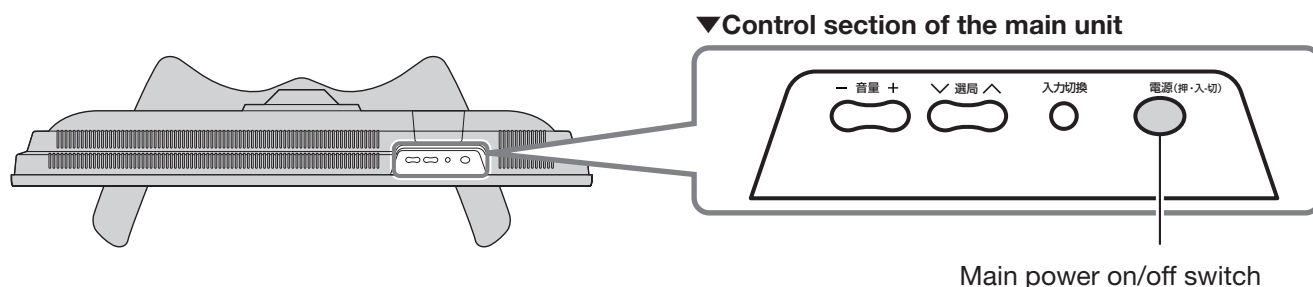
- Do not expose the remote control to shock, water, or high humidity.
- The remote sensor window on the main unit may not properly receive remote control signals when it is under direct sunlight or strong lighting. In such a case, change the angle of the lighting or the main unit.

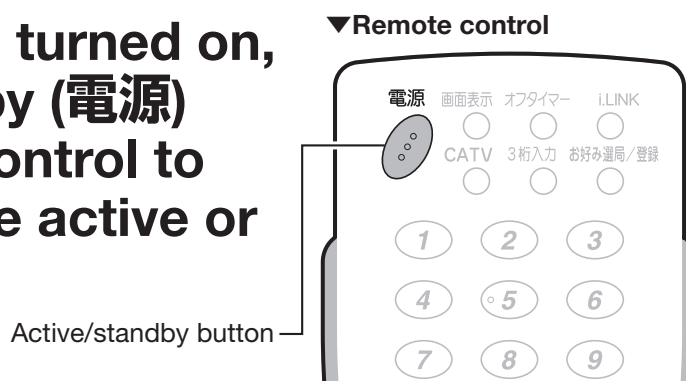
Basic Operations

Shown on this and the next three pages are the basic operations for enjoying TV and video programs.

Turning the power on

❶ Press the main power on/off (電源(押・入-切)) switch in the control section of the main unit to turn the main power on.

・The power indicator lights up in green indicating the TV set is now in the active mode.

❷ After the main power is turned on, press the active/standby (電源) button on the remote control to engage the TV set in the active or standby mode.

・The power indicator is lit red when the TV set is in the standby mode.

- This TV set communicates with digital TV stations even when it is in the standby mode (with the power indicator lit red).
- When you press the active/standby (電源) button on the remote control to turn off the TV, it may take a while before the power is actually turned off. (During this time, the system is storing the internal data to its memory.)

Basic Operations

Power on/off, channel selection, volume control

1 Turn on the TV.

Power on ············ The power indicator lights green.
(Active mode)

2 Select the desired network.

Network select buttons

- Press to select the desired network (terrestrial analog [地上A], terrestrial digital [地上D], BS, CS).
  (* The 地上D [terrestrial digital select] button works only after terrestrial digital broadcasting services are started in your area and the TV set is tuned to receive terrestrial digital broadcasts.)

3 Select the desired channel.

Channel select buttons

- Press to select a channel after selecting the desired network (terrestrial analog [地上A], terrestrial digital [地上D], BS, CS) and media (TV, radio, or data).

Channel up (∧)/down (∨) buttons

- Press to select channels in the network and media of last selected channel.

See pages 219 through 221, 82 through 112 for digital broadcast-related operations.

4 Adjust the volume.

The volume indicator will appear on the TV screen showing the current volume level with numerals and a bar.

- You can adjust the volume for each input independently.

Remote control

電源 画面表示 CATV 3桁入力 お好み選局／登録 1 2 3 4 5 6 7 8 9 10/0 11 12 放送切換 地上A 地上D BS CS 音量 選局 消音 入力切換 番組表 終了 決定 AQUOS SHARP

5 Turn off the TV.

Power off ············ The power indicator lights red.
(Standby mode)

Select the desired favorite channel.

Favorite channel select /register

- Press to select the user-registered channel.
  (Press the favorite channel select/register (お好み選局／登録) button, then press the channel select button.)

Press to temporarily turn off the sound.

- Press this button again or press the volume up/down buttons to return the sound volume to the previous level.

The main unit's control section is available for performing basic operations.

step 4 step 3 Input select

Power cable connection

- This TV communicates with digital TV stations even when it is in the standby mode.
- Do not disconnect the power cable from the wall outlet immediately after it has been plugged in. In rare instances, the main unit's built-in memory will be initialized causing timer programs, the PPV program purchase history (unrecoverable), etc. to be erased. If this happens, perform all necessary settings again.
- Do not unplug the power cable or interrupt the power supply when the TV set is in use. This may damage the data stored in the built-in memory.

Preset channels

- This TV set is factory preset to receive VHF channels 1 to 12 and BS/CS 110 channels. See pages **51** through **61** if you wish to receive terrestrial analog UHF broadcasts or change the channel settings.

On-screen displays, CATV, input selection, etc.

Press to display or turn off the channel sign.

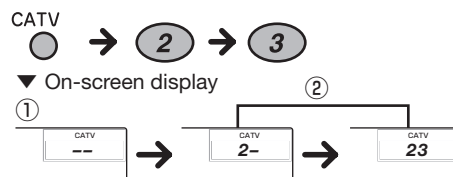
- Press to display the current channel sign.
  Press again to turn it off.

Channel sign examples

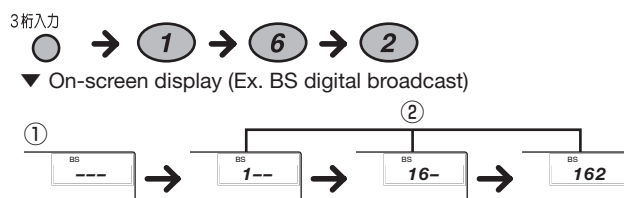
- Terrestrial analog TV
- BS digital broadcast
- CS 110 digital broadcast
- Terrestrial digital broadcast
- CATV broadcast
- AV input
- PC input

Use to select a CATV channel by entering the 2-digit channel number.

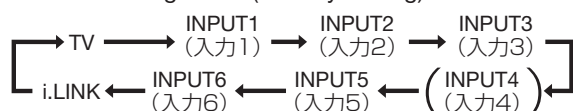
<Ex.> Selecting channel C23

① Press the CATV button.
② Enter the channel number with the number (channel select) buttons (1-10/0).

Use to select a digital channel by entering the 3-digit channel number.

<Ex.> Selecting BS digital channel 162

① Press the BS select button, then the digital channel number input button.
② Enter the 3-digit channel number with the number (channel select) buttons (1-10/0).

Note You can also use the following steps.
① Press the 3桁入力 (digital channel number input) button.
② Press the 地上D (terrestrial digital), BS, or CS button to select the desired network.
③ Input the desired channel number using the 1-10/0 number buttons.

Press to select the desired input.

- Each time you press the button, the screen changes in the following order. (Factory setting)

- Press any channel select button to return to the TV screen.

AV in 1-6 indications

- The AV in 1-6 indications can be changed to match the connected equipment. See "外部機器のなまえを表示させる" on page **135** for details.

Ex. AV in 1

INPUT1	VCR1	VCR	COMPONENT1
COMPONENT	D-VIDEO1	D-VIDEO	CATV
CS	DVD	GAME	CAMERA
D-VHS	HDD	DVR	BD
		User Setting:	

Press to display the electronic program guide (EPG) when receiving a digital broadcast.

- Press again to turn off the EPG display.

User Setting

- As for the input selections to be displayed, you can create a new name in addition to the present ones such as INPUT1, CS, HDD, etc. with the USER SETTING function. (See page **135**.)

Press to end operation.

- Use to end the picture freeze mode, turn off the EPG display, or finish menu operation, etc.

Tip on use This button can be conveniently used when you are at a loss during menu or EPG operation, etc.

Note

When broadcasting service for the selected channel is over for the day

- If the no-signal-off function is activated, approximately 15 minutes after the end of service day, the power automatically turns off, and the TV set enters the standby mode with the power indicator lit red. (See page **176**.)
- The no-signal-off function may not work properly if the TV set receives a weak signal from any other channel or some other wave.
- The no-signal-off function works in the same way when the TV set is in the AV input mode.

CATV channel reception

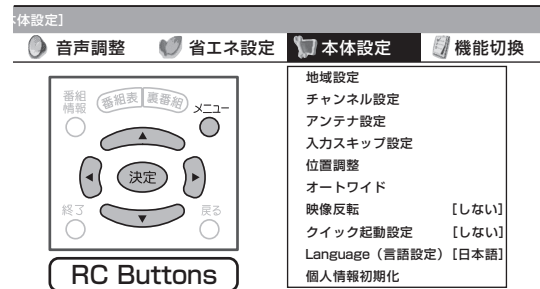
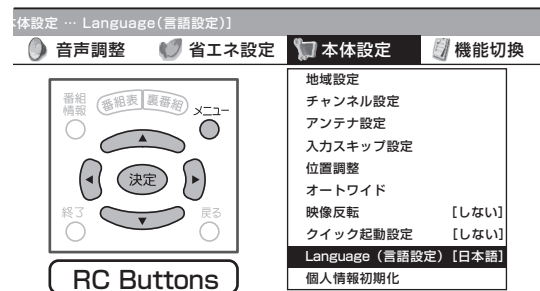
- CATV channels can be received only in areas where CATV broadcast services are available.
- To receive CATV channels, you need to sign up with your local CATV broadcasting company for subscription. To watch (and record) charged, scrambled broadcasts, you need to connect a home terminal adapter to the TV set. For further details, consult with your local CATV service provider.
- The channel up/down buttons can be used for CATV channel selection only after you perform individual channel registration. (See pages **60** and **61**.)
- The selectable CATV channels are C13 through C63.

Basic Operations

Switching the Display Language to English

■ Using the menu screen, you can switch the on-screen display language to English.

1 ① **Press メニュー (menu) to display the menu screen.**

② **Press ◀ or ▶ to select "本体設定"(Setup).**

2 **Press ▲ or ▼ to select "Language (言語設定)", then press 決定 (enter).**

3 **Press ◀ or ▶ to select "English", then press 決定 (enter).**

• The menu screen is now displayed in English.

4 **Press メニュー (menu) or 終了 (finish) to return to normal screen.**

Enjoying Digital Broadcasts

Selecting a digital program

Select the desired digital broadcast network

The TV set incorporates a digital tuner that allows you to receive three digital broadcast networks— terrestrial digital, BS, CS. What you do first is to select the network of your choice.

Press 地上D (terrestrial digital) , BS or CS to select the desired network.

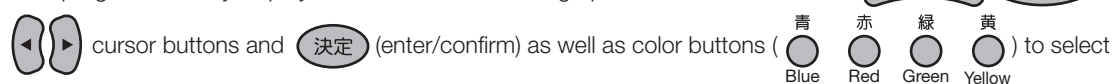
2 Select the type of broadcast (Not necessary when selecting a channel by entering the channel number.)

Digital broadcasts offer not only TV programs but also radio and data programs. After you have selected the network of your choice in step 1 above, what you do next is to select the type of broadcast—TV, radio, or data, by pressing テレビ/ラジオ/データ (media select).

Press テレビ/ラジオ/データ (media select) to select the desired media (TV, radio, or data).

- Each time you press the button, the media changes as shown below.

Operating a data program screen

Data programs usually display control button and item graphics on the screen. Use   cursor buttons and 決定 (enter/confirm) as well as color buttons (青 Blue, 赤 Red, 緑 Green, 黄 Yellow) to select an item, confirm your choice, or switch screens back and forth, etc.

3 Select the desired channel

① **Using the channel select buttons**

The channel select buttons are factory preset to receive the channels listed in the tables shown on page **220**.

After you have received the desired type of broadcast in step 2 above, all you do now is to press one of the channel select buttons 1 - 12 to directly select the channel of your choice.

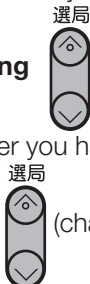
② **Selecting a channel by entering the 3-digit channel number** (Ex. Selecting a BS channel)

Press 3桁入力 (digital channel number input). “BS---” is displayed in the top right corner of the screen. Enter the 3-digit channel number using the channel select buttons (1-10/0).

Ex. Press 1 → 4 → 1 to select BS Nippon.

As you press the third button, 1, a BS Nippon program will be displayed on the screen.

③ **Using 選局 (channel up/down)**

After you have received the desired type of broadcast in step 2 above, press the ∧ or ∨ side of 選局 (channel up/down) to select the next higher or lower channel.

Enjoying Digital Broadcasts

Factory preset digital channels

Terrestrial digital channels*

Channel select button	Channel name	Channel number	Channel select button	Channel name	Channel number
1	NHK General (Tokyo)	011	7	TV Tokyo	071
2	NHK Education (Tokyo)	021	8	Fuji Television	081
3	–	–	9	Tokyo MX TV	091
4	Nippon TV	041	10/0	–	–
5	TV Asahi	051	11	–	–
6	TBS	061	12	University of the Air	121

* This table shows the terrestrial digital broadcast channel plan for Tokyo area.

BS (BS digital) channels

Channel select button	TV		Radio		Data	
	Channel name	Channel number	Channel name	Channel number	Channel name	Channel number
1	NHK BS1	101	–	–	–	–
2	NHK BS2	102	–	–	Weathernews	910
3	NHK Hi-Vision	103	–	–	Digicas 933	933
4	BS Nippon	141	WINJ	333	–	–
5	BS Asahi	151	–	–	–	–
6	BS-i	161	–	–	–	–
7	BS Japan	171	–	–	ch999	999
8	BS Fuji	181	–	–	–	–
9	WOWOW	191	–	–	–	–
10/0	Star Channel	200	–	–	–	–
11	–	–	–	–	–	–
12	–	–	–	–	–	–

CS (CS 110 digital) channels

Channel select button	TV	Radio	Data	Channel select button	TV	Radio	Data
	Channel number	Channel number	Channel number		Channel number	Channel number	Channel number
1	100	–	–	7	–	–	–
2	001	–	–	8	–	–	–
3	–	–	–	9	–	–	–
4	–	–	–	10/0	–	–	–
5	–	–	–	11	–	–	–
6	–	–	–	12	–	–	–

- The channel plans listed above are those known as of December 2005, and subject to change in the future.

Various services of digital broadcasting

Digital broadcasting stations offer various services which take advantage of digital technologies that allow far more data volume to be transmitted within a single channel than the traditional terrestrial or satellite analog TV. These services include programs with multiple pictures and sounds, program-linked data broadcast in which program-related or independent information is provided with still images and texts, and provision of program information using which your TV shows an on-screen electronic program guide (EPG) when desired.

●Multiple pictures

Press 映像切換 (picture select) under the cover until the desired picture is selected. (This feature is only available when the current program has multiple pictures.)

●Multiple sounds

Press 音声切換 (audio select) under the cover until the desired sound is selected. (This feature is only available when the current program has multiple sounds.)

●Captions

Press 字幕 (caption) under the cover to display or turn off captions, or press the button until the desired caption is selected when the current program offers multiple captions. (This feature is only available when the current program has one or more captions.)

●Program-linked data broadcast

Press データ連動 (linked data) to display the linked data screen. A program-linked data screen usually has an inset screen that shows the program which has been being viewed. To return to the normal screen, press データ連動 again. (This feature is only available when the current program has a linked data broadcast.)

●Program information

Press 番組情報 (program info) to display detailed information (title, genre icon, on-air time, cast, writer, etc.) on the current program. When the information window has multiple pages, press the down cursor button to see the next page. Press the up cursor button to return to the previous page. To turn off the information window, press 番組情報 again.

●Electronic program guide (EPG)

Press 番組表 (EPG) to display an on-screen program guide, a schedule of programs currently on air and ones to be broadcast in the future (as far as a week ahead not including today), with which you can select a program you wish to see. The EPG also allows you to timer-record programs. (You need to connect the TV to a VCR, D-VHS VCR, AV-HDD recorder, or Blu-ray Disc recorder with a timer programming function.) To turn off the EPG, press 番組表 again or press 終了.

Cover open